

POWER GENERATOR



Quiet operation
Inverter technology for
constant power output

PG-D 80 TEA-S HC | Art. no.: 6731080

Silenced diesel engine
Convenient starting
at the touch of a button
with E-Start



Overview of generators

Choose the right power generator

▶ The stated capacities are approximate values and may vary upwards or downwards in individual cases

Type of consumer

Ohmic consumers

▶ These consist of one or more resistors, i.e. electrical components that essentially generate heat or light.

Examples: Oven, light bulb, iron, coffee machine, fan heater, kettle, etc.

Inductive consumers

▶ Essentially electromagnetic consumers, i.e. electrical components that generate electromagnetism. These devices may require many times the starting power when starting up.

Examples: Fans, drills, pumps, circular table saws, circular hand saws, compressors, concrete mixers, water pumps, bottle vibrators, etc.

Design of the power generator

▶ When designing the generator, increased starting power may need to be taken into account depending on the type of consumer and care must be taken to ensure that the power requirement of the consumers does not exceed the continuous output of the generator.

▶ **Synchronous generators** can be briefly overloaded by up to 3 times (some models even 4 times) and are therefore particularly suitable for inductive loads with increased starting power.

▶ **Inverter generators** produce electricity with a pure sine wave and are therefore particularly suitable for modern electronics such as computers, smart TVs, etc.

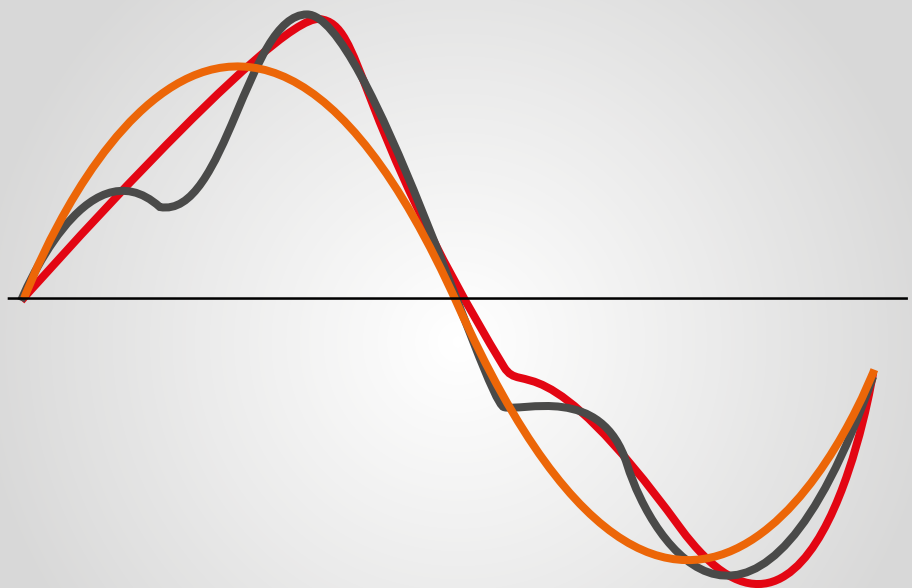
The device names - how to understand the individual designations:

PG	Power generator
-I	Inverter
-D	Diesel
-E	Eco
-X	Insulation monitoring
-S	Soundproofed housing
T	400 V
S	230V
H	Suitable for domestic feed-in
C	With interface for connection of automatic circuit breaker
E	E-start
R	Manual start
A	AVR regulation*
-54	Protection class IP 54

* AVR Automatic Voltage Regulation: Ensures a constant output voltage by electronically equalising voltage peaks or drops. The sine wave generated is so constant that most electronic devices can be operated safely. However, for particularly sensitive devices such as modern PCs or smart TVs, an inverter generator with a pure sine wave is recommended to ensure optimum performance and protection.

Overview - Inverter generator

Type designation	Article number	Continuous output power (active power) - kW	Continuous output power (apparent power) - kVA	Nominal voltage - V	Factor for short-term start-up power	Start-up power - kW		
PG-I 12 SR	6706112	1.0	1.1	230	1	1.0	-	Top price/performance
PG-I 20 SR	6706120	1.7	1.8	230	1	1.7	-	Top price/performance
PG-I 35 SE	6706135	2.8	3.1	230	1	2.8	-	Top price/performance
PG-I 21 SR-S	6707121	1.8	1.8	230	1	1.8	-	Top price/performance
PG-I 33 SR-S	6707133	3.3	3.3	230	1	3.3	-	Top price/performance
PG-I 45 SE-S HC	6707145	4.5	4.5	230	1	4.5	Suitable for domestic feed-in	Top price/performance
PG-I 55 SE-S HC	6707155	5	5	230	1	5.0	Suitable for domestic feed-in	Top price/performance
PG-I 85 SE-S HC	6707186	8	8	230	1	8	Suitable for domestic feed-in	Top price/performance
PG-I 35 SR	6707235	3.2	3.2	230	1	3.2	-	Top price/performance
PG-I 41 SE	6707242	3.6	3.6	230	1	3.6	-	Top price/performance
PG-I 65 SE	6707265	6	6	230	1	6	-	Top price/performance
PG-I 85 SE HC	6707285	8	8	230	1	8	Suitable for domestic feed-in	Top price/performance



- Sine wave inverter generator
- Sine wave power generator with AVR technology
- Sine wave standard power generator (compound)

Not all models listed are included in this promotional brochure.
You can find more models at www.stuermer-maschinen.de

Overview of petrol/diesel generators and PTO generators

Type designation	Article number	Continuous output power (active power) COP 230V - kW	Continuous output power (apparent power) COP 230 V - kVA	Continuous output power (active power) COP 400V - kW	Continuous output power (apparent power) COP 400 V - kVA	Nominal voltage - V	Voltage regulation AVR - Y/N	Factor for short-term start-up power	Start-up power - 230 Volt - kW	Start-up power - 400 Volt - kW		
Petrol synchronous generator												
PG-E 60 SEA	6706060	5.0	5.5	-	-	230	Y	3	15	-	-	Top price/performance
PG-E 80 TEA H	6706080	2.3	2.5	6.5	7.8	230/400	Y	3	6.9	19.5	Suitable for domestic feed-in	Top price/performance
PG-E 90 SEA	6706090	7.5	8.3	-	-	230	Y	3	22.5	-	-	Top price/performance
PG-E 100 TEA H	6706100	3.5	3.8	10.0	12.0	230/400	Y	3	10.35	30	Suitable for domestic feed-in	Top price/performance
PG 400 SR	6700041	2.6	3.1	-	-	230	Y	3	7.8	-	-	Made in Europe
PG 400 SRA	6701041	2.6	3.1	-	-	230	Y	3	7.8	-	-	Made in Europe
PG 500 SRA	6701051	3.9	4.2	-	-	230	Y	3	11.7	-	-	Made in Europe
PG 800 SRA	6701081	5.5	6.0	-	-	230	Y	3	16.5	-	-	Made in Europe
PG 800 TRA	6701083	3.2	3.7	5.6	7.0	230/400	Y	3	9.45	16.8	-	Made in Europe
PG 500 X-SEA	6702051	4.0	4.8	-	-	230	Y	3	12	-	With insulation monitoring	Made in Europe
PG 500 X-TEA	6702053	3.2	3.5	4.3	5.4	230/400	Y	3	9.6	12.9	With insulation monitoring	Made in Europe
PG 800 X-TEA	6702083	3.3	3.7	5.6	7.0	230/400	Y	3	9.9	16.8	With insulation monitoring	Made in Europe
PG 800 TEA HC	6702085	3.3	3.7	5.6	6.6	230/400	Y	3	9.9	16.8	Suitable for domestic feed-in	Made in Europe
PG 1200 TEA HC	6702125	4.5	5.0	9.5	11.8	230/400	Y	3	13.5	28.5	Suitable for domestic feed-in	Made in Europe
PG 800 X-TEA-54	6703083	3.6	4.0	5.4	6.8	230/400	Y	4	14.4	21.6	With insulation monitoring	Made in Europe
PG-E 55 SEA 4in1	6706955	5	5	-	-	230	Y	3	15	-	-	Top price/performance
Diesel synchronous generator												
PG-D 600 X-TEA	6704063	2.7	3.0	4.5	5.6	230/400	Y	3	8.1	13.5	With insulation monitoring	Made in Europe
PG-D 60 TEA-S HC	6731060	4.3	5.4	5.0	6.3	230/400	Y	3	12.9	15	Suitable for domestic feed-in	Top price/performance
PG-D 80 TEA-S HC	6731080	6.0	7.5	7.0	8.8	230/400	Y	3	18	21	Suitable for domestic feed-in	Top price/performance
PG-D 90 TEA-S HC	6731090	6.8	8.5	8.0	10.0	230/400	Y	3	20.4	24	Suitable for domestic feed-in	Top price/performance
PG-D 130 TEA-S HC	6731130	10.2	12.8	12.0	15.0	230/400	Y	3	30.6	36	Suitable for domestic feed-in	Top price/performance
PG-D 230 TEA-S HC	6740123	4.8	6.0	16	20	230/400	Y	3	14.4	48	Suitable for domestic feed-in	Top price/performance
PG-D 410 TEA-S HC	6740141	9.0	11.4	30	38	230/400	Y	3	27	90	Suitable for domestic feed-in	Top price/performance
PG-D 630 TEA-S HC	6740163	13.5	16.8	45	56	230/400	Y	3	40.5	135	Suitable for domestic feed-in	Top price/performance
PTO generators												
PTO 18 TA	6710015	7.2	7.2	14.4	18.0	230/400	Y	3	21.6	43.2	-	Made in Europe
PTO 27 TA	6710022	10.8	10.8	21.6	27.0	230/400	Y	3	32.4	64.8	-	Made in Europe
PTO 38 TA	6710031	15.2	15.2	30.4	38.0	230/400	Y	3	45.6	91.2	-	Made in Europe

Power generator

PG-I series - Portable and mobile inverter generators

- ▶ Inverter technology for constant power
- ▶ Reliable power generator for home and garden, camping, caravans, boats, computers and other sensitive electronic devices
- ▶ In Eco mode, the power generator regulates the speed depending on the power consumption: this reduces fuel consumption and noise emissions
- ▶ Choke for trouble-free cold start
- ▶ Indicator lights for output voltage, overload and low oil
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light

PG-I 35 SE

- ▶ Equipped with manual start and electric start

PG-I 12 SR



- 1) Indicator lights
- 2) Schuko socket 230V
- 3) ECO mode On/Off
- 4) Motor on/off
- 5) Circuit breaker
- 6) DC 12V socket outlet with 4A circuit breaker
- 7) Earthing

PG-I 20 SR



- 1) Indicator lights
- 2) 2 x 230V Schuko socket
- 3) ECO mode On/Off
- 4) Motor on/off
- 5) Circuit breaker
- 6) DC 12V socket with 5A circuit breaker
- 7) Earthing

PG-I 35 SE



Chassis with four wheels



- 1) Indicator lights
- 2) 2 x 230V Schuko socket
- 3) ECO mode On/Off
- 4) Engine on/off and e-start
- 5) Circuit breaker
- 6) DC 12V socket with 5A circuit breaker
- 7) Earthing

Model		PG-I 12 SR	PG-I 20 SR	PG-I 35 SE
Art. no.		6706112	6706120	6706135
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	1.1	1.8	3.1
Time-limited output power (active power)	kW	1.1	1.8	3.1
Continuous output power (apparent power)	kVA	1	1.7	2.8
Continuous output power (active power)	kW	1	1.7	2.8
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start	Manual start	Manual and electric start
Running time at 50% load / 100% load	h	6.6 / 4.4	5.7 / 3.8	6.1 / 4.1
Tank capacity	l	3	4.1	7.5
Sound pressure L_p / Sound power L_w	dB(A)	70 / 93	70 / 93	73 / 96
Generator protection class		IP23M	IP23M	IP23M
Sockets protection class		IP54	IP54	IP54
Dimensions (L x W x H) approx.	mm	448 x 236 x 392	525 x 282 x 457	614 x 341 x 506
Weight approx.	kg	12.1	18.5	37.5

PG-I series - Portable and mobile inverter generators

- ▶ Supplies current with a pure sine wave for safe use of devices with sensitive electronics, such as PCs
- ▶ Modern inverter technology with constant power output
- ▶ Low-noise, economical operation and power-dependent, infinitely variable speed control
- ▶ Choke for trouble-free cold start
- ▶ Closed design for better noise insulation and protection against coarse dirt and impacts

PG-I 45 SE-S HC

- ▶ Manual start & electric start
- ▶ Suitable for domestic supply with manual and automatic mains isolator switch

PG-I 21 SR-S



- 1) Schuko socket 230V
- 2) DC 12V socket; 8.3A
- 3) Circuit breaker
- 4) ECO mode On/Off
- 5) Indicator lights
- 6) Digital display for output voltage, frequency and operating time

PG-I 33 SR-S

New



- 1) ECO mode
- 2) Digital display
- 3) Indicator lights
- 4) DC reset
- 5) 12V DC 8.3A socket outlet
- 6) 230V AC 16A socket outlet
- 7) 230V AC 16A socket outlet
- 8) AC reset

PG-I 45 SE-S HC

New



- 1) AC reset
- 2) Indicator lights
- 3) Digital display
- 4) ECO mode
- 5) DC reset
- 6) Interface for automatic circuit breaker
- 7) 12V DC 8.3A socket outlet
- 8) 230V AC 16A socket outlet
- 9) 230V AC 16A socket outlet

Model		PG-I 21 SR-S	PG-I 33 SR-S	PG-I 45 SE-S HC
Art. no.		6707121	6707133	6707145
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	2	3.3	4.5
Time-limited output power (active power)	kW	2	3.3	4.5
Continuous output power (apparent power)	kVA	1.8	3	4
Continuous output power (active power)	kW	1.8	3	4
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start	Manual start	Manual start / E-start
Running time at 50% / 100% load	h	8 / 4	5.4 / 3.3	7.5 / 4.5
Tank capacity	l	4	6	12
Sound pressure level Lp	dB(A)	67	76	77
Sound power level Lw	dB(A)	90	96	97
Generator / sockets protection class		IP23M / IP44	IP23M / IP44	IP23M / IP44
Dimensions (L x W x H) approx.	mm	490 x 300 x 490	490 x 300 x 490	595 x 440 x 515
Weight approx.	kg	19.3	21	40

Power generator

PG-I series - Portable and mobile inverter generators

- ▶ Supplies current with a pure sine wave for safe use of devices with sensitive electronics, such as PCs
- ▶ Modern inverter technology with constant power output
- ▶ Low-noise, economical operation and power-dependent, infinitely variable speed control
- ▶ Choke for trouble-free cold start

PG-I 85 SE-S HC

- ▶ Suitable for domestic supply with manual and automatic mains isolator switch
- ▶ Electric start for convenient starting at the touch of a button
- ▶ Noise-insulated

PG-I 35 SR

- ▶ Manual start

PG-I 55 SE-S HC



- 1) Schuko socket 230V
- 2) DC 12V socket; 8.3A
- 3) Circuit breaker
- 4) ECO mode On/Off
- 5) Indicator lights
- 6) Digital display for output voltage, frequency and operating time
- 7) Interface for automatic circuit breaker
- 8) Switch for circuit interruption
- 9) Earthing
- 10) 230V 32A CEE

PG-I 85 SE-S HC

New



- 1) Start / Stop
- 2) Power Supply
- 3) AC reset
- 4) Indicator lights
- 5) Digital display
- 6) ECO mode
- 7) Rotary switch for engine / e-start
- 8) Interface for automatic circuit breaker
- 9) 12V DC 8.3A socket outlet and reset
- 10) 2 x 230V AC 16A socket outlet and reset
- 11) 230V AC 32A socket outlet and reset

PG-I 35 SR



- 1) 2 x 230V Schuko socket
- 2) DC 12V socket; 8.3A
- 3) Circuit breaker
- 4) Indicator lights
- 5) On/off switch for motor
- 6) Digital display for output voltage, frequency and operating time
- 7) Earthing

Model		PG-I 55 SE-S HC	PG-I 85 SE-S HC	PG-I 35 SR
Art. no.		6707155	6707186	6707235
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	5.5	8.5	3.5
Time-limited output power (active power)	kW	5.5	8.5	3.5
Continuous output power (apparent power)	kVA	5	8	3.2
Continuous output power (active power)	kW	5	8	3.2
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start / E-start	Manual start / E-start	Manual start
Running time at 50% / 100% load	h	8 / 4	10.5 / 6	6 / 3
Tank capacity	l	11	30	7
Sound pressure level Lp	dB(A)	77	77	77
Sound power level Lw	dB(A)	97	97	97
Generator / sockets protection class		IP23M / IP44	IP23M / IP44	IP23M / IP44
Dimensions (L x W x H) approx.	mm	590 x 405 x 545	765 x 625 x 700	432 x 345 x 460
Weight approx.	kg	39.5	85	25

PG-I 41 SE / PG-I 65 SE

- ▶ With trolley and transport handle
- ▶ Manual and electric start

PG-I 85 SE HC

- ▶ With trolley and transport handle
- ▶ Suitable for domestic supply with manual and automatic mains isolator switch
- ▶ Manual and electric start

PG-I 41 SE

New



- 1) Rotary switch for engine / e-start
- 2) Indicator lights
- 3) AC reset
- 4) ECO mode
- 5) Digital display
- 6) DC reset
- 7) 12V DC 8.3A socket outlet
- 8) 230V AC 16A socket outlet
- 9) 230V AC 16A socket outlet

PG-I 65 SE

New



- 1) ECO mode
- 2) AC reset
- 3) Indicator lights
- 4) DC reset
- 5) AC reset
- 6) Motor / Electric start
- 7) Digital display
- 8) 12V DC 8.3A socket outlet
- 9) 230V AC 16A socket outlet
- 10) 230V AC 32A socket outlet

PG-I 85 SE HC

New



- 1) Indicator lights
- 2) ECO mode
- 3) Digital display
- 4) AC reset
- 5) DC reset
- 6) Rotary switch for engine / e-start
- 7) Interface for automatic circuit breaker
- 8) 12V DC 8.3A socket outlet
- 9) 230V AC 16A socket outlet
- 10) 230V AC 16A socket outlet
- 11) 230V AC 32A socket outlet

Model		PG-I 41 SE	PG-I 65 SE	PG-I 85 SE HC
Art. no.		6707242	6707265	6707285
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	4	6.5	8.5
Time-limited output power (active power)	kW	4	6.5	8.5
Continuous output power (apparent power)	kVA	3.6	6	8
Continuous output power (active power)	kW	3.6	6	8
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start / E-start	Manual start / E-start	Manual start / E-start
Running time at 50% / 100% load	h	10 / 5	8.8 / 4.9	9.8 / 5.2
Tank capacity	l	12.5	17	25
Sound pressure level Lp	dB(A)	77	77	77
Sound power level Lw	dB(A)	97	97	97
Generator / sockets protection class		IP23M / IP44	IP23M / IP44	IP23M / IP44
Dimensions (L x W x H) approx.	mm	533 x 416 x 423	673 x 600 x 551	693 x 646 x 613
Weight approx.	kg	37	42	65

Accessories	Art. no.
Automatic Disconnecter incl. connection cable 4m	6707199



Power generator

Inverter generator PG-I 40 S - low-noise, for demanding private users and semi-professionals

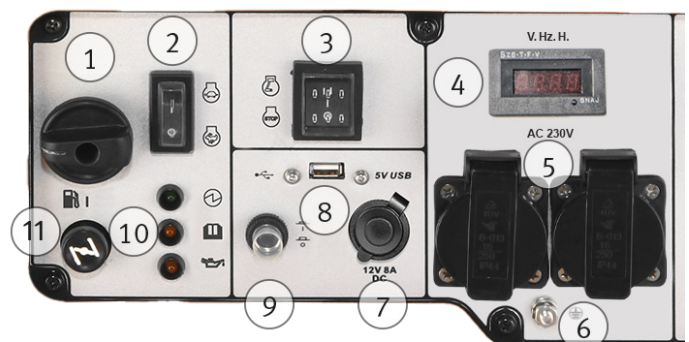
- ▶ Reliable power generator for home and garden, camping, caravans, boats, computers and other sensitive electronic devices
- ▶ Inverter technology for constant power output
- ▶ Indicator lights for output voltage, overload and low oil
- ▶ Clearly arranged connections and controls
- ▶ Power-dependent, infinitely variable speed control ensures low noise level
- ▶ Choke for trouble-free cold start
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light

Mobile power generator with up to 13 hours running time

Two 230 V alternating current Schuko sockets



Model	PG-I 40 S	
Art. no.	6706400	
Technical data		
Voltage	V	230 (± 3%)
Time-limited output power (apparent power)	kVA	4.07
Time-limited output power (active power)	kW	3.7
Continuous output power (apparent power)	kVA	3.85
Continuous output power (active power)	kW	3.5
Fuel	Petrol	
Starter motor	Manual start / E-start	
Running time at 50% load	h	13
Running time at 100% load	h	5
Tank capacity	l	12
Sound pressure level Lp	dB(A)	70
Sound power level Lw	dB(A)	90
Socket design	2 x 230 V SCHUKO	
Generator protection class	IP 23M	
Sockets protection class	IP 44	
Dimensions (L x W x H) approx.	mm	690 x 460 x 495
Weight approx.	kg	57



- 1) Petrol tap
- 2) Energy-saving switch
- 3) ON/OFF switch for the motor
- 4) Display
- 5) 2 x 230 V Schuko connection
- 6) Earthing connection
- 7) 12 V DC outlet
- 8) 5V USB charging connection
- 9) Circuit breaker 8A AC
- 10) Oil indicator light / Overload indicator / AC indicator light
- 11) Choke

Inverter power generator Series PG-I SE - quiet, for demanding private users and semi-professionals

- ▶ Reliable power generator for home and garden, camping, boats, also suitable for operating computers and other sensitive electronic devices
- ▶ Inverter technology for constant power output
- ▶ Power-dependent, infinitely variable speed control via automatic clutch ensures low noise level
- ▶ Thermal circuit breaker for overload protection
- ▶ Indicator lights for output voltage, overload and low oil
- ▶ Low fuel consumption in eco mode
- ▶ Choke for trouble-free cold start
- ▶ Electric start for convenient starting at the touch of a button

PG-I 42 SE



Quiet operation

Inverter technology for constant power output

PG-I 80 SE



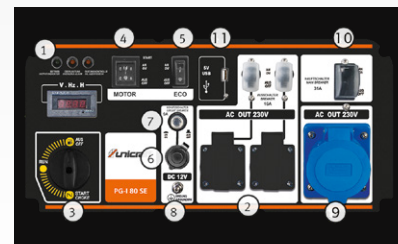
Quiet operation

Inverter technology for constant power output

Chassis with large wheels for easy manoeuvring



- 1) Manual start
- 2) Engine on/off and e-start
- 3) Eco mode On/Off
- 4) Indicator lights
- 5) 230 V earthed socket outlet with circuit breaker
- 6) 230 V earthed socket outlet with circuit breaker
- 7) DC 12 V socket outlet with circuit breaker



- 1) Rotary switch for choke
- 2) Indicator lights
- 3) Engine on/off and e-start
- 4) Eco mode On/Off
- 5) 5V USB slot
- 6) DC 12 V socket outlet with circuit breaker
- 7) 2 x 230 V Schuko socket outlet with circuit breaker
- 8) CEE socket 230 V
- 9) Main switch
- 10) CEE socket 230 V
- 11) Main switch

Technical data		PG-I 42 SE
Art. no.		6706420
Technical data		
Voltage	V	230 (±4%)
Time-limited output power (apparent power)	kVA	4.51
Time-limited output power (active power)	kW	4.1
Continuous output power (apparent power)	kVA	3.85
Continuous output power (active power)	kW	3.5
Fuel		Petrol
Starter motor		Manual start / E-start
Running time at 50% load	h	9
Running time at 100% load	h	5
Tank capacity	l	15
Sound pressure level L _p	dB(A)	76
Sound power level L _w	dB(A)	96
Socket design		2 x 230 V SCHUKO, 1 x 12 V DC
Sockets protection class		IP 44
Generator protection class		IP 23M
Dimensions (L x W x H) approx.	mm	557 x 464 x 478
Weight approx.	kg	42

Technical data		PG-I 80 SE
Art. no.		6706800
Technical data		
Voltage	V	230 (±4%)
Time-limited output power (apparent power)	kVA	8.25
Time-limited output power (active power)	kW	7.5
Continuous output power (apparent power)	kVA	7.7
Continuous output power (active power)	kW	7.0
Fuel		Petrol
Starter motor		Manual start / E-start
Running time at 50% load	h	26
Running time at 100% load	h	10.5
Tank capacity	l	25
Sound pressure L _p	dB(A)	74
Sound power level L _w	dB(A)	94
Socket design		2 x 230 V SCHUKO, 1 x 230 V CEE, 1 x 12 V DC
Sockets protection class		IP 44
Generator protection class		IP 23M
Dimensions (L x W x H) approx.	mm	730 x 610 x 730
Weight approx.	kg	105

Power generator

Synchronous generator series PG-E - for the discerning private user and the semi-professional

- ▶ All generators with copper windings
- ▶ Short-term power up to 3 times the rated power
- ▶ Automatic voltage regulation AVR
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light
- ▶ 3 in 1 display for voltage, frequency and operating hours
- ▶ Long running time due to large tank
- ▶ Tank with fill level indicator
- ▶ Equipped with wheel set and sturdy folding handle

PG-E 60 SRA

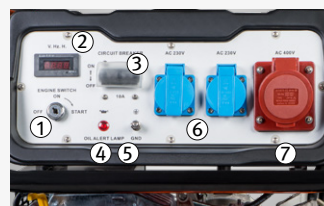


- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection

Large tank 25l

E-start
Hand start

PG-E 80 TEA H



- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection

Large tank 25l

E-start
Hand start

Model		PG-E 60 SEA
Art. no.		6706060
Technical data		
Voltage	V	230
Time-limited output power (apparent power)	kVA	6.05
Time-limited output power (active power)	kW	5.5
Continuous output power (apparent power)	kVA	5.5
Continuous output power (active power)	kW	5.0
Fuel		Petrol
Starter motor		E-start/manual start
Running time at 50% load	h	16
Running time at 100% load	h	8.2
Tank capacity	l	25
Sound pressure level Lp	dB(A)	76
Sound power level Lw	dB(A)	97
Socket design		2x 230 V Schuko, 1x 230 V CEE 32A
Generator protection class	IP	23
Sockets protection class	IP	44
Dimensions (L x W x H) approx.	mm	700 x 526 x 580
Weight approx.	kg	91



All models with practical wheel set and sturdy folding handle for easy transport

Synchronous generator series PG-E - for the discerning private user and the semi-professional

- ▶ All generators with copper windings
- ▶ Short-term power up to 3 times the rated power
- ▶ Automatic voltage regulation AVR
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown with warning light
- ▶ 3 in 1 display for voltage, frequency and operating hours
- ▶ Long running time due to large tank
- ▶ Tank with fill level indicator
- ▶ Equipped with wheel set and sturdy folding handle

PG-E 90 SRA



- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection

Large tank 25l

E-start
Hand start

PG-E 100 TEA H



- 1) Motor ON/OFF switch
- 2) Display voltage, frequency, operating hours
- 3) Fuse switch
- 4) Oil indicator light
- 5) Earthing connection
- 6) 230 V consumer connection
- 7) 400 V consumer connection
- 8) Choke
- 9) Operating lamp

Large tank 45l

Electric start

Model		PG-E 80 TEA H	PG-E 90 SEA	PG-E 100 TEA H
Art. no.		6706080	6706090	6706100
Technical data				
Voltage	V	230 / 400	230	230 / 400
Time-limited output power (apparent power)	kVA	2.75 / 8.4	8.8	4.05 / 13.2
Time-limited output power (active power)	kW	2.5 / 7.0	8	3.68 / 11
Continuous output power (apparent power)	kVA	2.53 / 7.8	8.25	3.79 / 12
Continuous output power (active power)	kW	2.3 / 6.5	7.5	3.45 / 10
Fuel		Petrol	Petrol	Petrol
Starter motor		E-start/manual start	E-start/manual start	E-start
Unbalanced load in %		25	-	25
Running time at 50% load	h	13	12	10
Running time at 100% load	h	8.5	8	8
Tank capacity	l	25	25	45
Sound pressure level Lp	dB(A)	76	75	79
Sound power level Lw	dB(A)	97	97	99
Socket design		2x 230 V Schuko, 1x 400 V CEE 16A	2x 230 V Schuko, 1x 230 V 32 A	2x 230 V Schuko, 1x 400 V CEE 16A
Generator protection class	IP	IP 23	IP 23M	IP 23
Sockets protection class	IP	IP 44	IP 44	IP 44
Dimensions (L x W x H) approx.	mm	700 x 526 x 580	700 x 526 x 580	730 x 600 x 910
Weight approx.	kg	94 kg	9	170



All models with practical wheel set and sturdy folding handle for easy transport

Power generator

Synchronous power generator PG series – Powerful and robust. Easy to handle, can be used quickly at any time. Particularly suitable for hard-to-start machines and power tools

- ▶ Long running times thanks to 11-litre large tank
- ▶ Electronic voltage regulation AVR
- ▶ Splash and impact protection through panelling plates
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown
- ▶ Short-term power up to 3 times the rated power



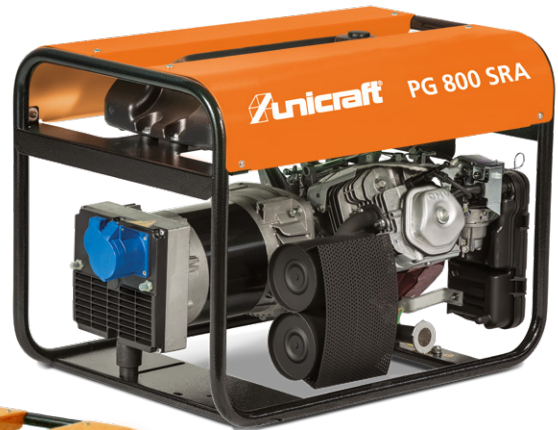
HONDA
inside.

Large tank 11l



PG 400 SRA

Large tank 11l



PG 800 SRA

Large tank 11l



PG 500 SRA

Model		PG 400 SRA	PG 500 SRA	PG 800 SRA
Art. no.		6701041	6701051	6701081
Technical data				
Voltage	V	230	230	230
Time-limited output power (apparent power)	kVA	3.4	5.1	7.2
Time-limited output power (active power)	kW	3.1	4.6	6.4
Continuous output power (apparent power)	kVA	2.9	4.2	6.0
Continuous output power (active power)	kW	2.6	3.9	5.5
Fuel		Petrol	Petrol	Petrol
Starter motor		Manual start	Manual start	Manual start
Consumption at 75% load	l/hour	1.1	1.6	2.2
Tank capacity	l	11	11	11
Sound pressure level Lp	dB(A)	69	71	72
Sound power level Lw	dB(A)	95	97	97
Socket design		2 x 230 V SCHUKO	1 x 230 V SCHUKO 1 x 230 V 16A	1 x 230 V CEE 32A 1 x 230 V SCHUKO
Generator protection class	IP	23	23	23
Sockets protection class	IP	54	44	44
Dimensions (L x W x H) approx.	mm	623 x 409 x 500	729 x 500 x 536	729 x 500 x 536
Weight approx.	kg	43	61	73

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Professional synchronous power generator PG series - suitable for demanding users and continuous commercial use. Particularly suitable for hard-to-start machines and power tools

- ▶ Long running times thanks to 11-litre large tank
- ▶ Electronic voltage regulation AVR
- ▶ Splash and impact protection through panelling plates
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown
- ▶ Short-term power up to 3 times the rated power
- ▶ Universally applicable for 230 V and 400 V consumers



HONDA
inside.

Large tank 11l



PG 800 TRA

Model		PG 800 TRA
Art. no.		6701083
Technical data		
Voltage	V	230/400
Time-limited output power (apparent power)	kVA	4.9/5.5
Time-limited output power (active power)	kW	3.7/4.1
Continuous output power (apparent power)	kVA	6.6/8.3
Continuous output power (active power)	kW	5.6/7.0
Fuel		Petrol
Starter motor		Manual start
Unbalanced load	%	30
Consumption at 75% load	l/hour	2.2
Tank capacity	l	11
Sound pressure level Lp	dB(A)	72
Sound power level Lw	dB(A)	97
Socket design		230 V, Schuko 400 V, 16 A
Generator protection class	IP	23
Sockets protection class	IP	44
Dimensions (L x W x H) approx.	mm	729 x 500 x 536
Weight approx.	kg	81

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Professional synchronous power generator PG series - suitable for demanding users and continuous commercial use. Particularly suitable for hard-to-start machines and power tools

- ▶ Long running times thanks to large 18-litre tank
- ▶ Electronic voltage regulation AVR
- ▶ Splash and impact protection through panelling plates
- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Safe personal protection thanks to insulation monitoring (device does not need to be earthed)
- ▶ Low oil shutdown
- ▶ High level of convenience thanks to E-Start



HONDA
inside.



Large tank 18l

E-start/manual start



PG 500 X-SEA

Large tank 18l

E-start/manual start



PG 800 X-SEA

Model		PG 500 X-SEA	PG 800 X-SEA
Art. no.		6702051	6702081
Technical data			
Voltage	V	230	230
Time-limited output power (apparent power)	kVA	4.8/5.3	6.4/ 7.2
Time-limited output power (active power)	kW	4.0/4.1	5.5/6.0
Fuel		Petrol	Petrol
Starter motor		E-start/manual start	E-start/manual start
Consumption at 75% load	l/hour	1.6	2.2
Tank capacity	l	18	18
Sound pressure level Lp	dB(A)	71	72
Sound power level Lw	dB(A)	97	97
Socket design		230 V, Schuko	230 V, Schuko
		230 V, 32 A	230 V, 32 A
Generator protection class	IP	23	23
Sockets protection class	IP	44	44
Dimensions (L x W x H) approx.	mm	842 x 523 x 557	842 x 523 x 557
Weight approx.	kg	76	96

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles



HONDA
inside.

Large tank 18l
E-start/manual start



PG 500 X-TEA

Large tank 18l
E-start/manual start



PG 800 X-TEA

Large tank 24l
Electric start



PG 1200 X-TEA

Model		PG 500 X-TEA	PG 800 X-TEA	PG 1200 X-TEA
Art. no.		6702053	6702083	6702123 **
Technical data				
Voltage	V	230/400	230/400	230/400
Time-limited output power (apparent power)	kVA	3.8 / 6.3	4.0 / 8.3	5.6 / 13.9
Time-limited output power (active power)	kW	3.4 / 5.0	3.6 / 6.6	5.0 / 11.1
Continuous output power (apparent power)	kVA	3.5 / 5.4	3.7 / 7.0	5.0 / 11.8
Continuous output power (active power)	kW	3.2 / 4.3	3.3 / 5.6	4.5 / 9.5
Fuel		Petrol	Petrol	Petrol
Starter motor		E-start/manual start	E-start/manual start	E-start
Unbalanced load	%	30	30	30
Consumption at 75% load	l/hour	1.6	2.1	3.9
Tank capacity	l	18	18	24
Sound pressure level Lp	dB(A)	71	72	70
Sound power level Lw	dB(A)	97	97	96
Socket design		230 V, Schuko 400 V, 16 A	230 V, Schuko 400 V, 16 A	230 V, Schuko 230 V 16 A, 400 V 16 A
Generator protection class	IP	23	23	23
Sockets protection class	IP	44	44	44
Dimensions (L x W x H) approx.	mm	842 x 523 x 557	842 x 523 x 557	960 x 641 x 667
Weight approx.	kg	88	99	165

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



Chassis with rigid handles

RS-PG 1
2 wheels
2 rigid handles



Chassis with folding handles

RS-PG 2
2 wheels
2 folding handles

Power generator

Professional synchronous power generator PG series – suitable for demanding users and continuous commercial use. Particularly suitable for hard-to-start machines and power tools

PG 800 X-TEA-54 and PG 1200 X-TEA-54

- ▶ Protection class IP 54
- ▶ Splash and impact protection through panelling plates
- ▶ Long running times thanks to 18-litre large tank (PG 1200 X-TEA-54 24l)
- ▶ High level of convenience thanks to E-Start
- ▶ Electronic voltage regulation AVR

- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Short-term power up to 4 times the rated power
- ▶ 200% suitable for inclined loads
- ▶ Safe personal protection through insulation monitoring (device does not need to be earthed)
- ▶ Low oil shutdown



HONDA
inside.

Protection class generator IP 54

Large tank 18l

E-start/manual start

Protection class generator IP 54

Large tank 24l

Electric start



PG 800 X-TEA-54



PG 1200 X-TEA-54

Model	PG 800 X-TEA-54	PG 1200 X-TEA-54
Art. no.	6703083	6703123 **
Technical data		
Voltage	230 V / 400 V	230 V / 400 V
Time-limited output power (apparent power)	4.8 / 8.8 kVA	7.5 / 13.8 kVA
Time-limited output power (active power)	4.3 / 7.1 kW	6.8 / 11.1 kW
Continuous output power (apparent power)	4.0 / 6.8 kVA	6.8 / 11.8 kVA
Continuous output power (active power)	3.6 kW / 5.4 kVA	6.1 / 9.4 kW
Fuel	Petrol	Petrol
Starter motor	E-start/manual start	E-start
Unbalanced load	200%	200%
Consumption at 75% load	1.9 l/h	3.9 l/h
Tank capacity	18 l	24 l
Sound pressure level Lp	72 dB(A)	70 dB(A)
Sound power level Lw	97 dB(A)	96 dB(A)
Generator protection class	IP 54	IP 54
Sockets protection class	IP 54	IP 54
Socket design	230 V 16 A 400 V 16A	3 x 230 V Schuko 400 V 16A 400 V 32A
Dimensions (L x W x H) approx.	842 x 523 x 557 mm	960 x 641 x 667 mm
Weight approx.	113 kg	170 kg

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

(1) Short-term maximum power

Professional synchronous generator series PG - for the highest demands with diesel engine

PG-D 600 X-TEA, and PG-D 1100 X-TEA

- ▶ Soundproofed diesel engine (complies with noise and exhaust emission regulations)
- ▶ Splash and impact protection due to full panelling
- ▶ Electronic voltage regulation AVR

- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Safe personal protection through insulation monitoring (device does not need to be earthed)
- ▶ Low oil shutdown
- ▶ Long running times thanks to 24-litre large tank
- ▶ High level of convenience thanks to E-Start

- ▶ Model PG-D 1100 X-TEA with water-cooled motor



DIESEL engine

Low noise

Large tank 24l

Electric start



PG-D 600 X-TEA

DIESEL engine

Low noise

Large tank 24l

Electric start



PG-D 1100 X-TEA
with optional wheel set

Model	PG-D 600 X-TEA	PG-D 1100 X-TEA
Art. no.	6704063	6704123
Technical data		
Voltage	230 V/400 V	230 V/400 V
Time-limited output power (apparent power)	3.2 / 6.9 kVA	6.6 / 10.8 kVA
Time-limited output power (active power)	2.9 / 5.5 kW	5.9 / 8.6 kW
Continuous output power (apparent power)	3.0 / 5.6 kVA	6.0 / 10.0 kVA
Continuous output power (active power)	2.7 / 4.5 kW	5.4 / 8.0 kW
Fuel	Diesel	Diesel
Starter motor	E-start	E-start
Unbalanced load in %	30	30
Consumption at 75% load	1.4 l/h	3.0 l/h
Tank capacity	24 l	24 l
Sound pressure level Lp	67 dB(A)	70 dB(A)
Sound power level Lw	93 dB(A)	96 dB(A)
Generator protection class	IP 23	IP 23
Sockets protection class	IP 44	IP 44
Socket design	230 V Schuko 2 x 230 V 16 A 400 V 16A	230 V 16 A 230 V 32 A 400 V 16A
Dimensions (L x W x H) approx.	945 x 595 x 825 mm	1451 x 650 x 975 mm
Weight approx.	186 kg	325 kg

Chassis accessories	Art. no.
for PG-D 600 X-TEA	6709930
for PG-D 1100 X-TEA	6709931



Chassis
2 wheels
2 rigid handles

Power generator

Petrol synchronous generator series PG TEA HC - for domestic supply

- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also compatible with automatic mains disconnector thanks to "CONN interface"
- ▶ Electronic voltage regulation AVR
- ▶ Magnetic thermal circuit breaker protects against overload and short circuits caused by defective loads or cables
- ▶ Low oil shutdown
- ▶ Long running times thanks to large 18-litre tank
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ Quality Made in Europe



HONDA
inside.

Protection class generator IP 54

Large tank 24l

Electric start

Protection class generator IP 23

Large tank 18l

E-start/manual start



PG 800 TEA HC



PG 1200 TEA HC

Model		PG 800 TEA HC	PG-1200 TEA HC
Article no.		6702085	6702125
Technical data			
Voltage	V	230 / 400	230 / 400
Time-limited output power (apparent power)	kVA	4.0 / 8.3	13.9 / 5.6
Time-limited output power (active power)	kW	3.6 / 6.6	5.0 / 11.1
Continuous output power (apparent power)	kVA	3.7 / 7.0	5.0 / 11.8
Continuous output power (active power)	kW	3.3 / 5.6	4.5 / 9.5
Power factor	Cos	0.8 / 0.9	0.8 / 0.9
Starter motor		Manual start / E-start	E-start
Unbalanced load	%	30	30
Tank capacity	l	18	24
Sound pressure level Lp	dB(A)	72	70
Sound power level Lw	dB(A)	97	96
Socket design		230 V, Schuko / 400 V, 16 A	230 V, Schuko / 2x 230 V, 16 A / 400 V, 16 A
Sockets protection class		IP 44	IP 44
Generator protection class		IP 23	IP 23
Dimensions (L x W x H) approx.	mm	842 x 523 x 557	960 x 641 x 667
Weight approx.	kg	99	165

(1) Short-term maximum power

Automatic circuit breaker	Art. no.
AMF	6709920

- Automatically recognises a voltage drop and controls the switchover from the mains supply to emergency power. The emergency generator is then started automatically
- When normal voltage is detected, the emergency power generator is automatically switched off and the connection to the supply network is restored

Chassis accessories	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Synchronous power generator PG series – Powerful and robust. Easy to handle, can be used quickly at any time. Particularly suitable for hard-to-start machines and power tools

- ▶ Maximum reliability and efficiency
- ▶ Capacitor-controlled generators
- ▶ Overload protection through thermal circuit breaker
- ▶ Low oil shutdown
- ▶ Short-term power up to 3 times the rated power



HONDA
inside.

		PG 400 SR
<i>Model</i>		PG 400 SR
<i>Art. no.</i>		6700041
<i>Technical data</i>		
Voltage	V	230
Time-limited output power (apparent power)	kVA	3.4
Time-limited output power (active power)	kW	3.1
Continuous output power (apparent power)	kVA	2.9
Continuous output power (active power)	kW	2.6
Fuel		Petrol
Starter motor		Manual start
Consumption at 75% load	l/hour	1.1
Tank capacity	l	3.1
Sound pressure level Lp	dB(A)	71
Sound power level Lw	dB(A)	96
Socket design		2 x 230 V SCHUKO
Generator protection class		IP 23
Sockets protection class		IP 54
Dimensions (L x W x H) approx.	mm	640 x 458 x 400
Weight approx.	kg	38

<i>Chassis accessories</i>	Art. no.
RS-PG 1	6709900
RS-PG 2	6709901



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Synchronous power generator PG-D – Compact diesel power generators

- ▶ With thermal circuit breaker and manual start as standard
- ▶ Robust tubular steel frame
- ▶ Easy access for maintenance and inspection
- ▶ Simple operation
- ▶ Quality made in Europe

- PG-D 600 TE/ PG-D 650 SE**
- ▶ With insulation monitoring, thermal circuit breaker and oil monitoring as standard
 - ▶ Convenient e-start
 - ▶ Robust tubular steel frame with protective cover made of sheet steel
 - ▶ Simple operation
 - ▶ Digital display for voltmeter and operating hours counter

- ▶ Large 24 litre tank for long running times
- ▶ Do not comply with noise standard 2000/14/EC, not authorised for outdoor operation without noise protection measures

PG-D 450 SR



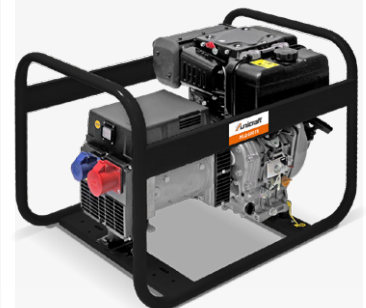
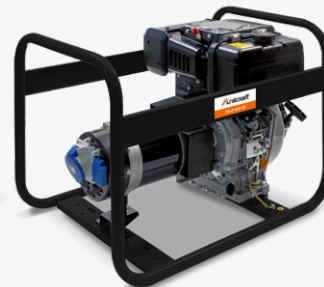
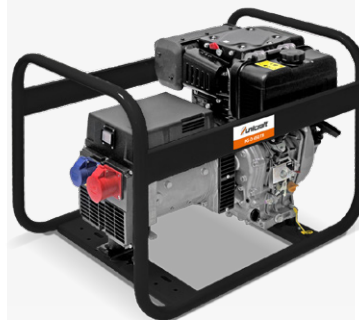
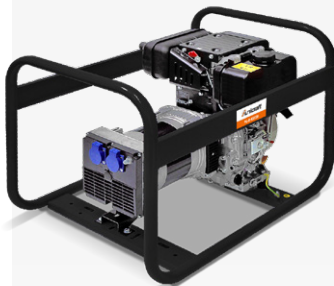
PG-D 450 TR



PG-D 650 SR



PG-D 600 TR

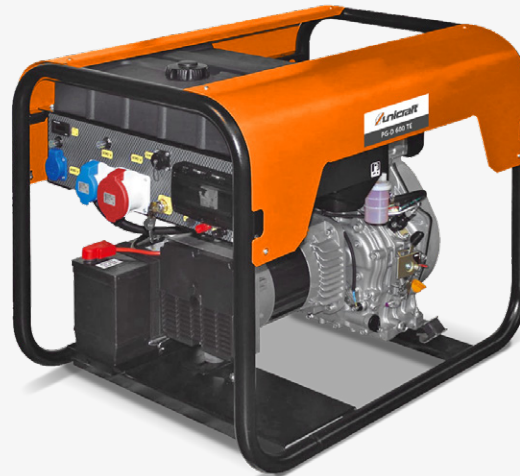


Model		PG-D 450 SR	PG-D 450TR	PG-D 650 SR	PG-D 600 TR
Article no.		6705041	6705043	6705061	6705063
Power generator					
Voltage	V	230	230 / 400	230	230 / 400
Time-limited output power (apparent power)	kVA	3.9	3.1 / 4.7	5.9	4.0 / 6.9
Time-limited output power (active power)	kW	3.5	2.8 / 3.7	5.3	3.6 / 5.5
Continuous output power (apparent power)	kVA	3.3	2.3 / 4	4.9	3.5 / 5.7
Continuous output power (active power)	kW	3.0	2.1 / 3.2	4.4	3.2 / 4.5
Drive		Yanmar L70N Recoil	Yanmar L70N Recoil	Yanmar L100N	Yanmar L100N
Unbalanced load	%	-	30	-	30
Socket design		1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 16A	1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 16A 1x 3P+N+T CEE 400V 16A	1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 32A	1x 230 V, Schuko 16A 1x 2P+T CEE 230 V 16A 1x 3P+N+T CEE 400V 16A
Sockets protection class		IP44 / IP54	IP44 / IP54	IP44 / IP54	IP44 / IP54
Generator protection class		IP 23	IP 23	IP 23	IP 23
Dimensions (L x W x H) approx.	mm	760 x 540 x 560	760 x 540 x 560	760 x 540 x 560	760 x 540 x 560
Weight approx.	kg	54	70	94	96

PG-D 650 SE



PG-D 600 TE



Accessories	Art. no.
Chassis RS-PG 1	6709900
Chassis RS-PG 2	6709901
Adapter for exhaust hose connection inner Ø 38 mm	6709905
Flexible metal flue gas hose Ø 40/60 mm (per metre)	6709906
Maintenance kit:	
PG-D 450 SR	6709907
PG-D 450 TR	6709908
PG-D 650 SR	6709909
PG-D 600 TR	6709910
PG-D 650 SE	6709911
PG-D 600 TE	6709912

Model		PG-D 650 SE	PG-D 600 TE
Art. no.		6705071	6705073
Technical data			
Voltage	V	230	230 / 400
Time-limited output power (apparent power)	kVA	5.9	3.2 / 6.9
Time-limited output power (active power)	kW	5.3	2.9 / 5.5
Continuous output power (apparent power)	kVA	4.8	3.0 / 5.6
Continuous output power (active power)	kW	4.4	2.7 / 4.5
Drive		Yanmar L100 Electric	Yanmar L100 Electric
Unbalanced load	%	-	30
Socket design		1x SCHUKO 230 V 16A IP54, 1x 2P+T CEE 230 V 16A IP44, 1x 2P+T CEE 230 V 32A IP44	1x SCHUKO 230 V 16A IP54, 2x 2P+T CEE 230 V 16A IP44, 1x 3P+N+T CEE 400V 16A IP44
Sockets protection class		IP 44 / IP 54	IP 44 / IP 54
Generator protection class		IP 23	IP 23
Dimensions (L x W x H) approx.	mm	840 x 641 x 696	840 x 641 x 696
Weight approx.	kg	114	124



RS-PG 1
2 wheels
2 rigid handles

Chassis with rigid handles



RS-PG 2
2 wheels
2 folding handles

Chassis with folding handles

Power generator

Synchronous generators - diesel generators for domestic supply

- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also equipped with connection for automatic mains disconnecter
- ▶ The Equal Power function enables a significantly higher output power in 230 V: With most generators, the output power in 230 V is approx. 30% of the output power in 400 V. The Equal Power function achieves an output

- power in 230 V of approx. 80%!
- ▶ Soundproofed diesel engine
- ▶ Equipped with digital display (voltage, frequency, operating hours) Splash and impact protection thanks to full panelling

- ▶ Electronic voltage regulation AVR
- ▶ Low oil indicator
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ With preheater for a quick and easy start even in cold temperatures
- ▶ Sturdy chassis with two swivel rollers

PG-D 60 TEA-S HC



Socket design

- 1x 230 V 16A Schuko
- 1x 230 V 32A CEE
- 1x 400V 32A CEE
- 1x 12 V DC

PG-D 80 TEA-S HC



Socket design

- 1x 230 V 16A Schuko
- 1x 230 V 32A CEE
- 1x 400V 16A CEE
- 1x 12 V DC

Model		PG-D 60 TEA-S HC	PG-D 80 TEA-S HC
Article no.		6731060	6731080
Power generator			
Type		Synchronisation	Synchronisation
Nominal voltage	V	230 / 400	230 / 400
Time-limited output power (apparent power)	kVA	5.8 / 6.9	8.0 / 8.9
Time-limited output power (active power)	kW	4.7 / 5.5	6.4 / 7.5
Continuous output power (apparent power)	kVA	5.4 / 6.3	7.5 / 8.8
Continuous output power (active power)	kW	4.3 / 5.0	6.0 / 7.0
Generator speed	min ⁻¹	3000	3000
Generator protection class		IP 23	IP 23
Sockets protection class		IP 44	IP 44
Drive		188F	1100F
Power factor	Cos	0.8	0.8
Starter motor		E-start	E-start
Fuel		Diesel	Diesel
Tank capacity	l	15	15
Running time at 50% load	h	8.5	7.5
Oil tank capacity	litres	1.65	1.65
Sound pressure level Lp	dB(A)	67	67
Sound power level Lw	dB(A)	92	92
Dimensions (L x W x H) approx.	mm	950 x 550 x 830	950 x 550 x 830
Weight approx.	kg	145	151

Synchronous generators - diesel generators for domestic supply

- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also equipped with connection for automatic mains disconnect
- ▶ The Equal Power function enables a significantly higher output power in 230 V: With most generators, the output power in 230 V is approx. 30% of the output power in 400 V.

The Equal Power function achieves an output

- power in 230 V of approx. 80%!
- ▶ Soundproofed diesel engine
- ▶ Equipped with digital display (DC voltage, output power, AC voltage, frequency, current, operating hours) Splash and impact protection due to full panelling

- ▶ Electronic voltage regulation AVR
- ▶ Low oil indicator
- ▶ Long running times thanks to 25-litre large tank
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ With preheater for a quick and easy start even in cold temperatures
- ▶ Sturdy chassis with two swivel rollers

PG-D 90 TEA-S HC



Socket design
 1x 230 V 16A Schuko
 1x 230 V 32A CEE
 1x 400V 32A CEE
 1x 12 V DC

PG-D 130 TEA-S HC



Socket design
 1x 230 V 16A Schuko
 1x 230 V 32A CEE
 1x 400V 32A CEE
 1x 12 V DC

Model		PG-D 90 TEA-S HC	PG-D 130 TEA-S HC
Article no.		6731090	6731130
Power generator			
Type		Synchronisation	Synchronisation
Nominal voltage	V	230 / 400	230 / 400
Time-limited output power (apparent power)	kVA	9.2/10.7	15.7 / 13.4
Time-limited output power (active power)	kW	7.3 / 8.5	10.7 / 12.5
Continuous output power (apparent power)	kVA	8.5 / 10.0	12.8 / 15.0
Continuous output power (active power)	kW	6.8/ 8.0	10.2/ 12.0
Generator speed	min ⁻¹	3000	3000
Generator protection class		IP 23	IP 23
Sockets protection class		IP 44	IP 44
Drive		1100F	2V92
Power factor	Cos	0.8	0.8
Starter motor		E-start	E-start
Fuel		Diesel	Diesel
Tank capacity	l	25	25
Running time at 50% load	h	12	7
Oil tank capacity	litres	2.5	3.8
Sound pressure level Lp	dB(A)	72	73
Sound power level Lw	dB(A)	97	97
Dimensions (L x W x H) approx.	mm	1120 x 760 x 840	1350 x 650 x 890
Weight approx.	kg	203	310

Power generator

PG-D TEA-S HC synchronous generator - Diesel generator for domestic supply

- ▶ Including 1h socket and changeover switch
- ▶ Including insulation monitoring for all outlets except 1h socket outlet
- ▶ Long running times thanks to large tank
- ▶ Suitable for domestic supply with manual mains isolator switch
- ▶ Also equipped with connection for automatic mains disconnect
- ▶ Soundproofed diesel engine (complies with noise and exhaust emission regulations)
- ▶ Electronic voltage regulation AVR
- ▶ Equipped with digital display (DC voltage, output power, AC voltage, frequency, current, operating hours) Splash and impact protection due to full panelling
- ▶ Low oil indicator
- ▶ Convenient starting at the touch of a button with E-Start
- ▶ With preheater for a quick and easy start even in cold temperatures

PG-D 230 TEA-S HC

- 1x 230V, 16 A, Schuko
- 1x 230V, 32 A, CEE
- 1x 400V, 16 A, CEE
- 1x 400V, 32 A, CEE
- 1x 400V, 32 A, 1h



PG-D 410 TEA-S HC

- 1x 230V, 16 A, Schuko
- 1x 230V, 32 A, CEE
- 1x 400V, 16 A, CEE
- 1x 400V, 32 A, CEE
- 1x 400V, 63 A, CEE
- 1x 400V, 63 A, 1h



PG-D 630 TEA-S HC

- 1x 230V, 16 A, Schuko
- 1x 230V, 32 A, CEE
- 1x 400V, 16 A, CEE
- 1x 400V, 32 A, CEE
- 1x 400V, 63 A, CEE
- 1x 400V, 63 A, 1h



PG-D 410 TEA-S HC

Model		PG-D 230 TEA-S HC	PG-D 410 TEA-S HC	PG-D 630 TEA-S HC
Article no.		6740123	6740141	6740163
Nominal voltage	V		230 / 400	
Time-limited output power (apparent power)	kVA	6.9 / 23	12.3 / 41	18.9 / 63
Time-limited output power (active power)	kW	5.4 / 18	9.9 / 33	15 / 50
Continuous output power (apparent power)	kVA	6.0 / 20	11.4 / 38	16.8 / 56
Continuous output power (active power)	kW	4.8 / 16	9.0 / 30	13.5 / 45
Generator speed	min ⁻¹		1500	
Generator protection class			IP 23	
Sockets protection class		IP 44		IP 44 / IP 67
Drive		4D20G00/5		4D20TIG1/5
Power factor	cos phi		0.8	
Emission standard			Euro 5	
Starter motor			E-start	
Fuel			Diesel	
Tank capacity	l	60		90
Running time at 50% load	h		10	
Running time at 100% load	h		8	
Sound pressure level Lp	dB(A)		75	
Sound power level Lw	dB(A)		97	
Mains frequency	Hz		50	
Dimensions (L x W x H) approx.	mm	2050 x 850 x 1150	2250 x 930 x 1150	2250 x 930 x 1200
Weight (net) approx.	kg	780	880	1050

PTO shaft generators series PTO TA - with electronic voltage regulation AVR

- ▶ Maintenance-free PTO drive for continuous use in agriculture or during power failures
- ▶ Easily accessible connections on the top
- ▶ Control panel with operating hours counter, voltmeter and frequency meter
- ▶ Robust design with protection class IP23
- ▶ Electronic voltage regulation AVR
- ▶ Thermal circuit breaker protects against overloads and short circuits caused by defective loads or cables
- ▶ Favourable alternative to diesel generators



Accessories	Art. no.
Cardan shaft without slipping clutch 860 mm	5990014

Model		PTO 18 TA	PTO 27 TA	PTO 38 TA
Art. no.		6710015	6710022	6710031
Technical data				
Type		Synchronisation	Synchronisation	Synchronisation
Voltage	V	230/400	230/400	230/400
Time-limited output power (apparent power)	kVA	7.9 / 19.8	11.9 / 29.7	16.7/41.8
Time-limited output power (active power)	kW	7.9 / 15.84	11.9 / 23.76	16.7 / 33.44
Continuous output power (apparent power)	kVA	7.2 / 18	10.8 / 27	15.2 / 38
Continuous output power (active power)	kW	7.2 / 14.4	10.8 / 21.6	15.2 / 30.4
Drive		PTO shaft	PTO shaft	PTO shaft
Unbalanced load	%	10	10	10
Power (tractor) recommended	kW (PS)	33 (45)	48 (65)	77 (105)
Power factor	Cos	1 / 0.8	1 / 0.8	1 / 0.8
Input speed	min ⁻¹	428	428	428
Three-point mounting Category		1	1	1
Socket design		2 x 230 V 16A 1 x 400V 32A	2 x 230 V 16A 1 x 400V 63A	2 x 230 V 16A 1 x 400V 63A
Generator protection class		IP23	IP23	IP23
Dimensions (L x W x H) approx.	mm	950 x 800 x 933	950 x 800 x 933	950 x 800 x 933
Weight approx.	kg	118	139	179

(1) Short-term maximum power

Power generator

New

Synchronous power generator PG-E 55 SEA 4 in 1 - Mobile power generator with welding machine, compressor and built-in light mast

- ▶ Multifunctional power generator for the construction site and outdoor use thanks to welding, compressor and light function
- ▶ Equipped with manual and electric start
- ▶ Choke for trouble-free cold start
- ▶ Integrated AVR control for a constant current voltage
- ▶ Extremely robust thanks to tubular lattice frame and solid rubber tyres
- ▶ Height-adjustable lighting column with four LED lamps for perfect 360° illumination
- ▶ Integrated compressor, perfect for compressed air applications on site
- ▶ Two one-hand quick-release couplings for operating pneumatic tools
- ▶ Flexibly adjustable welding current up to 200 A, ideal for various welding tasks with the stick electrode



› Lighting mast can be dismantled for transport



› Integrated compressor, perfect for compressed air applications on site
› Two one-hand quick-release couplings for operating pneumatic tools



1. Main switch
2. Compressor main switch
3. Display
4. Oil indicator lamp
5. Key switch
6. 1x 230V 32A
1x 230V 16A
7. Switching levels lamps
8. Main switch lamps
9. Earth cable/welding torch connection
10. Rotary knob for welding current

Model		PG-E 55 SEA 4 in 1
Article no.		6706955
Technical data		
Power generator		
Nominal voltage	V	230
Max. Voltage deviation (+/-)	%	5
Time-limited output power (apparent power)	kVA	5.5
Time-limited output power (active power)	kW	5.5
Continuous output power (apparent power)	kVA	5.0
Continuous output power (active power)	kW	5.0
Generator speed	min ⁻¹	3000
Generator protection class		IP 21 S
Socket design		1x 230 V 32 A
Sockets protection class		IP 44
Drive		
Power factor	cos phi	1
Starter motor		Manual start / E-start
Fuel		Petrol
Tank capacity	l	30
Running time at 50% load	h	18
Running time at 100% load	h	9
Consumption at 75% load	l/h	2.4
Oil tank capacity	litres	1.1

Sound pressure level Lp	dB(A)	97
Sound power level Lw	dB(A)	106.3
Welding machine		
Protection class		IP 21
EMC - class		A
Mains plug		DKJ35-50
No-load voltage	V	75
Weldable electrodes	mm	1.6 – 4.0
Setting range for electrode	A	50 – 200
Duty cycle at max. current 40°C	%	50
Electrode		
Current at duty cycle 100% 40°C	A	180
Electrode		
Compressor		
Motor speed	min ⁻¹	3000
Suction capacity	l/min	200
Filling capacity	l/min	100
Filling capacity at operating pressure	bar	6
Maximum pressure	bar	8
Container contents	l	20
Number of cylinders		2
Lamp		
Lamp height	m	4.5
Luminosity	W	4 x 100
Dimensions and weights		
Dimensions (L x W x H) approx.	mm	851x583x780
Weight approx.	kg	158